

AMENDMENTS TO THE SPECIFICATION

Please insert the following paragraph on page 11, line 1:

Fig. 10 shows a system **1010** for real time modeling of a deformable object filled with fluid or physically based dynamic simulation of a deformable medium. System **1010** includes model definition module **1020**, simulation module **1030** and rendering module **1040**. System **1010** may be implemented in network environment **1050**, personal computer **1060**, portable device **1070**, or surgical interface **1080**.